BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

APPROVED SCHEDULE - B

Name of work: Detailed Estimate for the Work of Improvements to Road and Drains at Markandaiahnagara Main Road in ward No 05 Byatarayanapura Sub Division

Sl. No.	Approved Qty.	Description	Unit	Approved Rates	
				In Figures	In Words
1	387.10	KSRB 2-1.1: Earth work in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1,with all lead and lift etc complete as per specifications and directions of engineer in charge of the work.	cum	126.36	Rupees One Hundred Twenty Six And Paise Thirty Six Only
2	50.22	KSRB 2-2.1 : earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in **Hard soil** not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2.1(a) / 2.3.5, with all lead and lift etc complete as per specifications and directions of engineer in charge of the work.	Cum	227.88	Rupees Two Hundred Twenty Seven And Paise Eighty Eight Only
3	8.37	KSRB-4-1.3 : Providing and laying in position **plain cement concrete of mix M 7.5** withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, with all lead and lift etc complete as per specifications and directions of engineer in charge of the work.	**Cum**	4290.84	Rupees Four Thousand Two Hundred Ninety And Paise Eighty Four Only
4	31.00	KSRB 5.2.3 Providing and constructing granite / trap / basalt Size stone masonry **in foundation** with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 with all lead and lift etc complete as per specifications and directions of engineer in charge of the work.	cum	3549.96	Rupees Three Thousand Five Hundred Forty Nine And Paise Ninety Six Only
5	25.11	KSRB 5.3-3 Providing and constructing granite / trap / basalt size stone masonry **in basement** with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5-1.13 with all lead and lift etc complete as per specifications and directions of engineer in charge of the work.	**Sqm**	4227.12	Rupees Four Thousand Two Hundred Twenty Seven And Paise Twelve Only
6	24.80	KSRB 4-6.7 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 with all lead and lift etc complete as per specifications and directions of engineer in charge of the work.	**Sqm**	244.08	Rupees Two Hundred Forty Four And Paise Eight Only

Sl. No.	Approved Qty.	tion	Unit	Approved Rates	
				In Figures	In Words
7	9.92	KSRB 4-1.7 : : concrete of mix M down size grade and fine aggrega layers not, exceed and plinth, inclu machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2 with all lead and lift etc complete as per specifications and directions of engineer in charge of the work. ying in position plain cement ent @ 220kgs, with 20mm and oarse aggregates @0.84cum achine mixed, concrete laid in well compacted, in foundation materials, labour, HOM of	cum	4737.96	Rupees Four Thousand Seven Hundred Thirty Seven And Paise Ninety Six Only
8	421.60	KSRB 15.1.3: Providing **FLush pointing** to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. with all lead and lift etc complete as per specifications and directions of engineer in charge of the work.	Sqm	79.92	Rupees Seventy Nine And Paise Ninety Two Only
9	448.00	KSRRB M400-17: Providing, laying spreading and compacting graded stones aggregate to **wet mix macadam** specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH specification NO. 406, with all lead and lift etc complete as per specifications and directions of engineer in charge of the work.	Cum	1121.04	Rupees One Thousand One Hundred Twenty One And Paise Four Only
10	2240.00	KSRRB 500-5: providing and applying **primer coat** from 12.2 to 14.6kg per 10 sqm for surfaces of high porosity over prepared surface of granular base with cut back M.C.-70 or any other bitumen mixed with diesel at 13 kg per 10 sqm heated in bitumen boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH chapter 5, with all lead and lift etc complete as per specifications and directions of engineer in charge of the work.	Sqm	142.07	Rupees One Hundred Forty Two And Paise Seven Only
11	56.00	KSRRB M500-18: Providing and laying **semi dense bituminous concrete 25mm thick** with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 500.8 complete in all respects as per specifications. with all lead and lift etc complete as per specifications and directions of engineer in charge of the work.	Cum	9631.44	Rupees Nine Thousand Six Hundred Thirty One And Paise Forty Four Only
12	387.10	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km with all lead and lift etc complete as per specifications and directions of engineer in charge of the work.	Cum	67.32	Rupees Sixty Seven And Paise Thirty Two Only

I am prepared to execute the above mentioned work written by me in Schedule - B

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore - 92

Contractor Signature

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL BBMP, Bangalore